Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
Data File : BF114287.D
Acq On : 15 May 2019 16:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: May 15 17:04:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	276300	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1072585	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	495436	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	973407	20.00	ng		0.00
76) Chrysene-d12	14.02	240	653057	20.00	ng		0.00
87) Perylene-d12	15.50	264	574380	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1302683	75.87	ng		0.00
7) Phenol-d6	6.50	99	1632959	80.41	ng		0.00
23) Nitrobenzene-d5	7.42	82	1572029	82.25	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	381777	74.54	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2445021	74.65	ng		0.00
79) Terphenyl-d14	12.96	244	2450828	77.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	332878	35.273	ng		98
3) Pyridine	3.38	79	946157	36.388	ng		95
4) n-Nitrosodimethylamine	3.33	42	456108	36.376	ng		93
6) Aniline	6.52	93	1102882	37.598	ng	#	45
8) 2-Chlorophenol	6.65	128	755540	41.220	ng		94
9) Benzaldehyde	6.40	77	516451	36.328	ng		98
10) Phenol	6.52	94	923354	38.653	ng	#	73
11) bis(2-Chloroethyl)ether	6.59	93	756872	41.734	ng		99
12) 1,3-Dichlorobenzene	6.79	146	820523	39.880	ng		99
13) 1,4-Dichlorobenzene	6.87	146	821860	39.641	ng		97
14) 1,2-Dichlorobenzene	7.02	146	753833	39.798	ng		98
15) Benzyl Alcohol	7.00	79	622764	39.321	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1389602	39.518	ng		85
17) 2-Methylphenol	7.12	107	590639	39.228	ng	#	94
18) Hexachloroethane	7.36	117	313951	40.342	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	500520	38.886	ng		98
20) 3+4-Methylphenols	7.27	107	715782	41.146	ng	#	72
22) Acetophenone	7.26	105	980335	41.258	ng		96
24) Nitrobenzene	7.43	77	813592	41.796	ng		100
25) Isophorone	7.67	82	1449036	40.880	ng		100
26) 2-Nitrophenol	7.75	139	411393	43.560	ng		99
27) 2,4-Dimethylphenol	7.79	122	557651	37.595	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	964082	41.919	ng		99
29) 2,4-Dichlorophenol	8.00	162	604817	40.949	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	671925	40.006	ng		99
31) Naphthalene	8.16	128	2045582	40.828	ng		99
32) Benzoic acid	7.93	122	427324	41.515	ng		97
33) 4-Chloroaniline	8.20	127	951602	41.680	ng		99
34) Hexachlorobutadiene	8.27	225	378055	39.560	ng		99
35) Caprolactam	8.58	113	216715	44.998	ng		97
36) 4-Chloro-3-methylphenol	8.70	107	634852	42.701	ng		99
37) 2-Methylnaphthalene	8.85	142	1346152	41.644	ng		97
38) 1-Methylnaphthalene	8.95	142	1255958	41.258	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	607675	40.491	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	241656	37.018	ng		97
43) 2,4,6-Trichlorophenol	9.13	196	425328	41.203	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	439081	41.476	ng		94
46) 1,1'-Biphenyl	9.31	154	1622060	40.527	ng		99
47) 2-Chloronaphthalene	9.34	162	1293347	40.152	ng		98
48) 2-Nitroaniline	9.43	65	489682	42.865	ng		97
49) Acenaphthylene	9.75	152	1961905	40.046	ng		99
50) Dimethylphthalate	9.61	163	1492072	41.025	ng		99
51) 2,6-Dinitrotoluene	9.67	165	333503	41.343	ng		96
52) Acenaphthene	9.92	154	1164584	38.738	ng		100
53) 3-Nitroaniline	9.85	138	424031	42.345	ng		99
54) 2,4-Dinitrophenol	9.96	184	149416	40.475	ng		98
55) Dibenzofuran	10.09	168	1691261	38.365	ng		99
56) 4-Nitrophenol	10.02	139	273883	38.676	ng		95
57) 2,4-Dinitrotoluene	10.08	165	428318	39.119	ng	#	88
58) Fluorene	10.44	166	1353987	39.764	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	345992	37.878	ng		99
60) Diethylphthalate	10.30	149	1446981	39.156	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	665552	39.796	ng		95
62) 4-Nitroaniline	10.46	138	438148	41.639	ng		99
63) Azobenzene	10.59	77	1433503	40.076	ng		100
65) 4,6-Dinitro-2-methylphenol	10.50	198	207143	44.286	ng		90
66) n-Nitrosodiphenylamine	10.55	169	1202930	40.718	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	425902	39.738	ng		97
68) Hexachlorobenzene	10.99	284	470063	39.646	ng		96
69) Atrazine	11.07	200	355771	38.697	ng		99
70) Pentachlorophenol	11.19	266	235021	41.815	ng		98
71) Phenanthrene	11.40	178	1902252	40.168	ng		99
72) Anthracene	11.45	178	1925414	40.478	ng		100
73) Carbazole	11.61	167	1866006	41.139	ng		98
74) Di-n-butylphthalate	11.93	149	2201633	42.131	ng		99
75) Fluoranthene	12.59	202	2027697	39.760	ng		98
77) Benzidine	12.70	184	783219	26.718	ng		97
78) Pyrene	12.82	202	2067395	39.353	ng		99
80) Butylbenzylphthalate	13.43	149	965592	43.667	ng		97
81) Benzo(a)anthracene	14.01	228	1766258	41.815	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	680919	41.555	ng		99
83) Chrysene	14.05	228	1674879	40.450	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1280558	44.279	ng		100
85) Di-n-octyl phthalate	14.61	149	2089694	44.574	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1392533	38.053	ng		98
88) Benzo(b)fluoranthene	15.07	252	1570896	42.690	ng		99
89) Benzo(k)fluoranthene	15.10	252	1562170	46.214	ng		99
90) Benzo(a)pyrene	15.44	252	1434211	44.286	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1152246	42.817	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1161693	43.076	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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